

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Justin Krieger on 18 May, 2009.

In the Claims of 2/23/2009:

In **claim 10**, line 2, the term 'sensible' has been deleted.

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance:

1. The terminal disclaimer filed on 5/18/2009, disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of U.S. Patent No. 7,091,337 ('337) has been reviewed and is accepted. The terminal disclaimer has been recorded. Therefore, the obviousness-type double patenting rejection of record in the previous Office Action dated October 24, 2008 is withdrawn.

2. The closest prior art of record, Balazs et al, teaches a process for depolymerization of a 0.1% heparin solution using a static irradiation process in which the sample is irradiated with UV in either a quartz cell or Teflon containers having silica windows. In contrast, the instant process conducts the depolymerization of a heparin solution at a concentration of between 2 and 25% with UV. In the dynamic process as instantly claimed the solution to be irradiated is allowed to

circulate as a thin layer in a lamp jacket. The instant process produces heparin fragments having a molecular weight of less than 1000Da in an amount less than 6% even when the overall molecular weight has been reduced to less than 5000Da (see Declaration of De Ambrosi). The process as instantly claimed is neither taught nor rendered obvious by the prior art of record.

Any comments considered necessary by the applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

Any inquiry concerning this communication should be directed to Shaojia A. Jiang,
Supervisory Patent Examiner in Art Unit 1623 at 571-272-0627.

/Shaojia Anna Jiang/

Supervisory Patent Examiner, Art Unit 1623